

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| <b>Title of<br/>Invention</b>   | <b>A Muxed-Output Double-Data-Rate-2 (DDR2) Register with Fast<br/>Propagation Delay</b> |               |            |                   |         |          |          |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
|---|--|---------------|------------|-------------------|---------|----------|----------|-------|----------|----|---|---------|------------|------|----|-----|-----|----|---|---------|------------|------|----|-----|-----|----|---|---------|------------|-----------------|----|-----|-----|----|---|---------|------------|------------------|----|-----|-----|----|---|---------|------------|-------|----|-----|-----|----|---|---------|------------|-----|----|-----|-----|----|---|---------|------------|---------------|----|-----|-----|----|---|---------|------------|--------------|----|-----|-----|----|---|---------|------------|------------------|----|-----|----|----|----|---------|------------|-------------------|----|-----|-----|
| <br>Application Number :<br>Confirmation Number:<br>First Named Applicant: Ke Wu<br>Attorney Docket Number: PS-113<br>Art Unit:<br>Examiner:<br>Search string: ( 6691272 or 6584578 or 6542416 or 6510100 or 6462596 or 6249483 or 5994935<br>or 5751174 or 5410194 or 5391935 ).pn   |  |               |            |                   |         |          |          |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| <br><b>US Patent Documents</b><br><br><b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b>  |  |               |            |                   |         |          |          |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>AL</td><td>1</td><td>6691272</td><td>2004-02-10</td><td>Azim</td><td>B1</td><td>714</td><td>744</td></tr><tr><td>AL</td><td>2</td><td>6584578</td><td>2003-06-24</td><td>Faue</td><td>B1</td><td>713</td><td>503</td></tr><tr><td>AL</td><td>3</td><td>6542416</td><td>2003-04-01</td><td>Hampel , et al.</td><td>B1</td><td>365</td><td>194</td></tr><tr><td>AL</td><td>4</td><td>6510100</td><td>2003-01-21</td><td>Grundon , et al.</td><td>B1</td><td>365</td><td>233</td></tr><tr><td>AL</td><td>5</td><td>6462596</td><td>2002-10-08</td><td>Varma</td><td>B1</td><td>327</td><td>218</td></tr><tr><td>AL</td><td>6</td><td>6249483</td><td>2001-06-19</td><td>Kim</td><td>B1</td><td>365</td><td>233</td></tr><tr><td>AL</td><td>7</td><td>5994935</td><td>1999-11-30</td><td>Ueda , et al.</td><td>B1</td><td>327</td><td>202</td></tr><tr><td>AL</td><td>8</td><td>5751174</td><td>1998-05-12</td><td>Kuo , et al.</td><td>B1</td><td>327</td><td>199</td></tr><tr><td>AL</td><td>9</td><td>5410194</td><td>1995-04-25</td><td>Freidin , et al.</td><td>B1</td><td>325</td><td>46</td></tr><tr><td>AL</td><td>10</td><td>5391935</td><td>1995-02-21</td><td>Gersbach , et al.</td><td>B1</td><td>327</td><td>198</td></tr></tbody></table> |  | init          | Cite.No.   | Patent No.        | Date    | Patentee | Kind     | Class | Subclass | AL | 1 | 6691272 | 2004-02-10 | Azim | B1 | 714 | 744 | AL | 2 | 6584578 | 2003-06-24 | Faue | B1 | 713 | 503 | AL | 3 | 6542416 | 2003-04-01 | Hampel , et al. | B1 | 365 | 194 | AL | 4 | 6510100 | 2003-01-21 | Grundon , et al. | B1 | 365 | 233 | AL | 5 | 6462596 | 2002-10-08 | Varma | B1 | 327 | 218 | AL | 6 | 6249483 | 2001-06-19 | Kim | B1 | 365 | 233 | AL | 7 | 5994935 | 1999-11-30 | Ueda , et al. | B1 | 327 | 202 | AL | 8 | 5751174 | 1998-05-12 | Kuo , et al. | B1 | 327 | 199 | AL | 9 | 5410194 | 1995-04-25 | Freidin , et al. | B1 | 325 | 46 | AL | 10 | 5391935 | 1995-02-21 | Gersbach , et al. | B1 | 327 | 198 |
| init  | Cite.No.   | Patent No.    | Date       | Patentee          | Kind    | Class    | Subclass |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 1  | 6691272       | 2004-02-10 | Azim              | B1      | 714      | 744      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 2  | 6584578       | 2003-06-24 | Faue              | B1      | 713      | 503      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 3  | 6542416       | 2003-04-01 | Hampel , et al.   | B1      | 365      | 194      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 4  | 6510100       | 2003-01-21 | Grundon , et al.  | B1      | 365      | 233      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 5  | 6462596       | 2002-10-08 | Varma             | B1      | 327      | 218      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 6  | 6249483       | 2001-06-19 | Kim               | B1      | 365      | 233      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 7  | 5994935       | 1999-11-30 | Ueda , et al.     | B1      | 327      | 202      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 8  | 5751174       | 1998-05-12 | Kuo , et al.      | B1      | 327      | 199      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 9  | 5410194       | 1995-04-25 | Freidin , et al.  | B1      | 325      | 46       |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| AL  | 10   | 5391935       | 1995-02-21 | Gersbach , et al. | B1      | 327      | 198      |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| <br><b>Signature</b>  |  |               |            |                   |         |          |          |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| <table border="1"><tr><td>Examiner Name</td><td>Date</td></tr><tr><td>LUU</td><td>10/5/04</td></tr></table>   |  | Examiner Name | Date       | LUU               | 10/5/04 |          |          |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| Examiner Name   | Date   |               |            |                   |         |          |          |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |
| LUU   | 10/5/04  |               |            |                   |         |          |          |       |          |    |   |         |            |      |    |     |     |    |   |         |            |      |    |     |     |    |   |         |            |                 |    |     |     |    |   |         |            |                  |    |     |     |    |   |         |            |       |    |     |     |    |   |         |            |     |    |     |     |    |   |         |            |               |    |     |     |    |   |         |            |              |    |     |     |    |   |         |            |                  |    |     |    |    |    |         |            |                   |    |     |     |